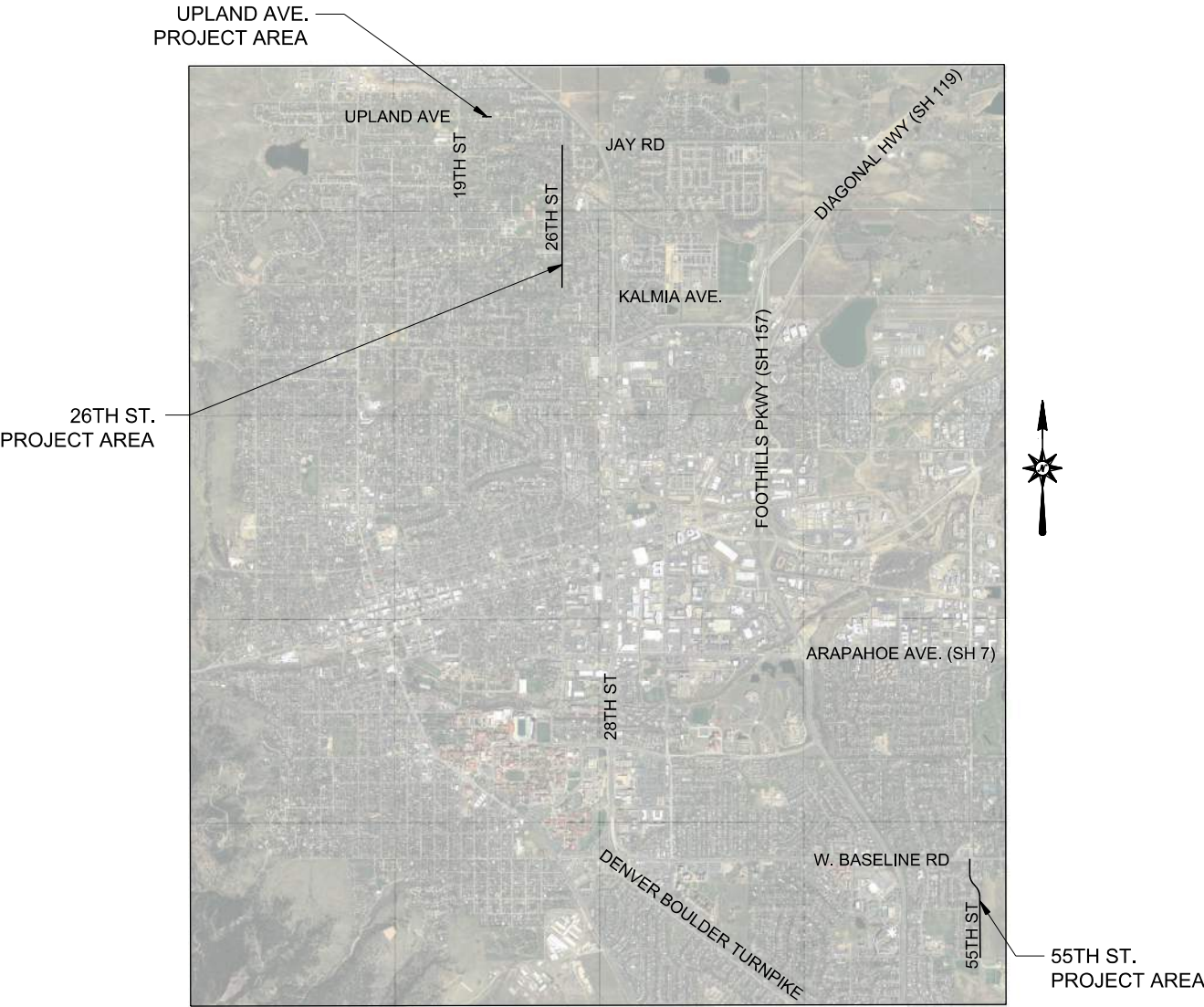




CITY OF BOULDER PUBLIC WORKS
TRANSPORTATION AND MOBILITY DEPARTMENT
NEIGHBORHOOD SPEED MANAGEMENT PROGRAM

26TH ST. - KALMIA AVE. TO JAY RD.
55TH ST. - SIOUX DR. TO BASELINE RD.
UPLAND AVE. - 19TH ST. TO 22ND ST.
CONSTRUCTION PLANS



VICINITY MAP
SCALE: NTS

SHEET NO.	SHEET TITLE
1	COVER SHEET
2-3	CORRIDOR TABULATIONS
4	SUMMARY OF APPROXIMATE QUANTITIES
5	GENERAL NOTES
6	26TH ST. ROADWAY PLAN
7-8	26TH ST. ROADWAY DETAILS
9-10	26TH ST. SIGNING AND STRIPING PLAN
11	55TH ST. ROADWAY PLAN
12-13	55TH ST. ROADWAY DETAILS
14	55TH ST. SIGNING AND STRIPING PLAN
15	UPLAND AVE. ROADWAY PLAN
16	PAVEMENT MARKING DETAILS

PRINT DATE: 6/9/2021		SHEET REVISIONS				As Constructed		COVER SHEET		Project No./Code	
HOR. SCALE: AS NOTED VERT. SCALE: AS NOTED		Date:	Comments	Init.		No Revisions:					
FILE NAME:						Revised:	Designer: JMB	Structure Numbers			
						Void:	Detailer: JMC				
							Subset: COVER	Subset Sheets: 1 of 1	Sheet Number 1		
 1675 LARIMER ST, STE 400 PH: 303-339-0440 DENVER, COLORADO 80202 FAX: 303-325-7743					CITY OF BOULDER 1101 ARAPAHOE AVE, 2ND FLOOR BOULDER, CO 80302						

LOCATION	REMOVAL ITEMS				
	REMOVAL OF PAVEMENT MARKING (BY OTHERS)	CLEARING AND GRUBBING	REMOVAL OF CONCRETE MEDIAN COVER MATERIAL	REMOVAL OF WHEEL STOPS	REMOVAL OF ASPHALT MAT. (FULL DEPTH)
	(SF)	(LS)	(SY)	(EACH)	(SY)
26th St.	330	0.34			136
55th St.	321	0.33			
Upland Ave.		0.33	73	34	74
TOTALS	651	1	73	34	210

NOTES:
- ALL PAVEMENT MARKING REMOVALS ARE TO BE HANDLED BY THE CITY OF BOULDER


LOCATION	SURFACING ITEMS									
	EMBANKMENT MATERIAL (CIP)	TOPSOIL	AGGREGATE BASE COURSE (CLASS 6)	HMA (PATCHING) (ASPHALT)	SPEED CUSHION	CURB TYPE 2 (SECTION B)	CURB AND GUTTER TYPE 2 (SECTION I-B)	MEDIAN COVER MATERIAL (6 INCH PATTERNED CONCRETE)	YELLOW SHURTITE DELINEATOR (BY OTHERS)	WHITE SHURTITE DELINEATOR (BY OTHERS)
	(CY)	(CY)	(CY)	(SY)	(EA)	(LF)	(LF)	(SF)	(EA)	(EA)
26th St.	7		110	220	6		106	113	4	
55th St.					5					
Upland Ave.		9				96	110			8
TOTALS	7	9	110	220	11	96	216	113	4	8

NOTES:
- ALL EMBANKMENT, TOPSOIL, ABC (CLASS 6), AND HMA PATCHING IS ASSUMED TO BE 6 INCHES THICK
- ALL SHURTITE DELINEATORS ARE TO BE FURNISHED AND INSTALLED BY THE CITY OF BOULDER

LOCATION	MISCELLANEOUS ITEMS			
	POTHOLING	EROSION CONTROL	MOBILIZATION	TRAFFIC CONTROL
	(HOUR)	(LS)	(LS)	(LS)
26th St.	8	0.34	0.34	0.34
55th St.		0.33	0.33	0.33
Upland Ave.		0.33	0.33	0.33
TOTALS	8	1	1	1


LOCATION	(BY OTHERS)									
	PAINTED STRIPING						COLD TAPE	PREFORMED THERMOPLASTIC STRIPING		
	4" DOUBLE YELLOW CENTERLINE	4" YELLOW SOLID LINE	4" WHITE SOLID LINE	4" WHITE DASHED LINE (2'-6' SKIP)	8" WHITE SOLID LINE	8" WHITE DASHED LINE (2'-6' SKIP)	8" WHITE SOLID LINE (45 DEGREE DIAGONAL HATCH AT 25' SPACING)	WHITE LEFT TURN ARROW SYMBOL	GREEN BIKE BOX (2' x 7')	GREEN SHARROW BOX (4' x 10')
	26th St.	241		50	332				4	
55th St.	1,697		558	29	1,582	50	134	1	2	7
TOTAL (EACH)	-	-	-	-	-	-	-	1	6	7
TOTAL (LF)	1,697	241	558	79	1,914	50	134	-	-	-
TOTAL (SF)	1,131	80	186	9	1,276	11	-	16	84	280
TOTAL (GAL)	12	1	2	1	14	1	-	-	-	-

NOTES:
- ALL NEW PAVEMENT MARKINGS ARE TO BE FURNISHED AND INSTALLED BY THE CITY OF BOULDER
- 95 SF/GAL USED TO ESTIMATE EPOXY PAINT
- WHITE BIKE, SHARROW, AND ARROW SYMBOLS ARE INCLUDED IN THEIR RESPECTIVE GREEN BIKE BOX ITEM


PRINT DATE: 6/9/2021	0000	SHEET REVISIONS			 <div>CITY OF BOULDER 1101 ARAPAHOE AVE, 2ND FLOOR BOULDER, CO 80302</div>	As Constructed	CORRIDOR TABULATIONS			Project No./Code
HOR. SCALE: AS NOTED VERT. SCALE: AS NOTED		Date:	Comments	Init.		No Revisions:				
FILE NAME:						Revised:	Designer: JMB	Structure Numbers		
						Void:	Detailer: JMC			
<div>apexdesign1675 LARIMER ST, STE 400 PH: 303-339-0440 DENVER, COLORADO 80202 FAX: 303-325-7743</div>							Subset: TABS	Subset Sheets: 1 of 2	Sheet Number	2

TABULATION OF SIGNS																
SIGN NO.	PLAN SHEET #	STREET NAME	DIRECTION	SIGN CODE	SIGN PANEL SIZE			AREA (SF)	EXISTING TO REMAIN	RESET GROUND SIGN (EACH)	REMOVAL OF GROUND SIGN (EACH)	REMOVAL OF SIGN PANEL (EACH)	BACKGROUND COLOR	LEGEND	NO. POSTS	NOTES
					W"	x	H"									
1	6	26th St.	NB	W17-1	30	x	30	6.25					Yellow	Speed Hump	1	
2	6	26th St.	NB	W16-4P	30	x	24	5					Yellow	Next 1000 Feet Plaque		
3	6	26th St.	SB	W17-1	30	x	30	6.25					Yellow	Speed Hump	1	
4	6	26th St.	SB	W16-4P	30	x	24	5					Yellow	Next 1000 Feet Plaque		
5	6	26th St.	NB	W17-1	30	x	30	6.25					Yellow	Speed Hump	1	
6	6	26th St.	NB	W16-4P	30	x	24	5					Yellow	Next 1000 Feet Plaque		
7	6	26th St.	SB	W17-1	30	x	30	6.25					Yellow	Speed Hump	1	
8	6	26th St.	SB	W16-4P	30	x	24	5					Yellow	Next 1000 Feet Plaque		
9	9	26th St.	NB	R4-7C	24	x	30	5					White	Keep Right	1	
10	9	26th St.	SB	R4-7C	24	x	30	5					White	Keep Right	1	
11	9	26th St.	SB	R2-1						1			White	Speed Limit 25 MPH		Relocate outside of widening limits
12	10	26th St.	NB	R4-7C	24	x	30	5					White	Keep Right	1	
13	10	26th St.	SB	R4-7C	24	x	30	5					White	Keep Right	1	
14	10	26th St.	SB	R2-1					1				White	Speed Limit 25 MPH		
15	10	26th St.	NB	W2-2R						1			White	Intersection Ahead (T-Intersecction to the Right)		Relocate outside of widening limits
16	11	55th St.	NB	R4-11	30	x	30	6.25					White	Bikes May Use Full Lane	1	
17	11	55th St.	NB	W17-1	30	x	30	6.25					Yellow	Speed Hump	1	
18	11	55th St.	NB	W16-4P	30	x	24	5					Yellow	Next 2000 Feet Plaque		
19	11	55th St.	SB	R4-11	30	x	30	6.25					White	Bikes May Use Full Lane	1	
20	11	55th St.	NB	R4-11	30	x	30	6.25					White	Bikes May Use Full Lane	1	
21	11	55th St.	SB	W17-1	30	x	30	6.25					Yellow	Speed Hump		
22	11	55th St.	SB	W16-4P	30	x	24	5					Yellow	Next 2000 Feet Plaque	1	
23	11	55th St.	SB	R4-11	30	x	30	6.25					White	Bikes May Use Full Lane		
24	14	55th St.	EB	R1-1					1				Red	Stop		
25	14	55th St.	EB	D3-1					1				Blue	55th St.		
26	14	55th St.	NB	D3-1					1				Blue	Aztec Dr.		
27	14	55th St.	WB	R1-1					1				Red	Stop		
28	14	55th St.	NB	D3-1					1				Blue	Aztec Ct.		
29	14	55th St.	SB	R3-17	24	X	18	3					Black	Bike Lane	1	
30	14	55th St.	SB	R3-17BP	24	X	8	1.33					White	Ends		
31	14	55th St.	NB	R3-17	24	X	18	3					Black	Bike Lane	1	
32	14	55th St.	NB	R4-7					1				White	Keep Right		
33	14	55th St.	NB	OM2-2V					1				Yellow	Object Marker Type 2 (Vertical)		
34	14	55th St.	SB	R2-1					1				White	Speed Limit 25 MPH		
35	14	55th St.	NB	R3-7R							1		White	Right Lane Must Turn Right	1	
36	14	55th St.	NB	R4-7					1				White	Keep Right (Smaller)		
37	14	55th St.	SB	R3-17	24	X	18	3					Black	Bike Lane	1	
38	14	55th St.	WB	R3-7R	12	X	18	1.5					White	No Parking (Right)		Attach to existing post below the Boulder Bus sign
39	14	55th St.	SB	Special					1				Brown	City of Boulder Bus Stop		
40	14	55th St.	SB	R4-7					1				White	Keep Right		
41	14	55th St.	SB	OM2-2V					1				Yellow	Object Marker Type 2 (Vertical)		
42	15	Upland	NB	R3-7R						1			White	No Parking (Right)		
43	15	Upland	SB	R3-7L						1			White	No Parking (Left)		
44	15	Upland	EB	R1-2	30	X	21	4.4					White	Yield		Attach to relocated R3-7L Sign Post
45	15	Upland	EB	R1-2AP	24	X	18	3					White	To Oncoming Traffic		Attach to relocated R3-7L Sign Post
46	15	Upland	EB	W20-4						1			Yellow	One Lane Road Ahead		Relocate 90' in advance of new chicane
47	15	Upland	EB	R1-2AP MOD								1	White	Yield to Oncoming Traffic		Remove from sign post
48	15	Upland	SB	R3-7R						1			White	No Parking (Right)		
49	15	Upland	NB	R3-7L						1			White	No Parking (Left)		
50	15	Upland	WB	R1-2	30	X	21	4.4					White	Yield		Attach to relocated R3-7L Sign Post
51	15	Upland	WB	R1-2AP	24	X	18	3					White	To Oncoming Traffic		Attach to relocated R3-7L Sign Post
52	15	Upland	WB	W20-4						1			Yellow	One Lane Road Ahead		Relocate 90' in advance of new chicane
53	15	Upland	WB	R1-2AP MOD								1	Yellow	Yield to Oncoming Traffic		Remove from sign post
TOTALS								139.13		8	1	2			17	

NOTES:
- EXISTING SIGNS TO REMAIN ARE SHOWN FOR INFORMATION ONLY.
- ALL NEW SIGNS ARE TO BE FURNISHED AND INSTALLED BY THE CITY OF BOULDER.

PRINT DATE: 6/9/2021		<div>0000</div>	SHEET REVISIONS			<div><div>CITY OF BOULDER</div><div>1101 ARAPAHOE AVE, 2ND FLOOR</div><div>BOULDER, CO 80302</div></div>	As Constructed		CORRIDOR TABULATIONS			Project No./Code	
HOR. SCALE: AS NOTED VERT. SCALE: AS NOTED			Date:	Comments	Init.		No Revisions:						
FILE NAME:							Revised:		Designer: JMB	Structure			
							Void:		Detailer: JMC	Numbers			
apexdesign 1675 LARIMER ST, STE 400 PH: 303-339-0440 DENVER, COLORADO 80202 FAX: 303-325-7743									Subset: TABS	Subset Sheets: 2 of 2		Sheet Number 3	

ITEM NO.	BID ITEM DESCRIPTION	UNITS	26TH ST. QUANTITY		55TH ST. QUANTITY		UPLAND QUANTITY		TOTAL QUANTITY	
			PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.	PLAN	AS CONST.
Items to be installed by the City of Boulder. These items are shown for information only.										
202-00250	Removal of Pavement Marking	SF	330		321				651	
202-00810	Removal of Ground Sign	EACH			1				1	
202-00821	Removal of Sign Panel	EACH					2		2	
210-00810	Reset Ground Sign	EACH	2				6		8	
612-00101	Shur-Tite Delineator (Sleeved) (Yellow)	EACH	4						4	
612-00101	Shur-Tite Delineator (Sleeved) (White)	EACH					8		8	
614-00011	Sign Panel (Class I)	SF	65		60		15		140	
614-00216	Steel Sign Post (2x2 Inch Tubing)	LF	96		108				204	
627-00005	4" Double Yellow Centerline	GAL			12				12	
627-00005	4" Yellow Solid Line	GAL	1						1	
	Total Yellow Paint	GAL	1		12				13	
627-00005	4" White Solid Line	GAL			2				2	
627-00005	4" White Dashed Line (2'-6' Skip)	GAL	1						1	
627-00005	8" White Solid Line	GAL	2		12				14	
627-00005	8" White Diagonal Hatch	GAL			1				1	
	Total White Paint	GAL	3		15				18	
627-00026	8" Pavement Marking Tape	LF			134				134	
627-30405	Turn Arrow Pavement Marking	SF			16				16	
627-30405G	Sharrow Symbol in Green Box	SF			280				280	
627-30407G	Straight Arrow and Bike Symbol in Green Box	SF	56		28				84	
Items to be installed by the Contractor										
201-00000	Clearing and Grubbing	LS	0.34		0.33		0.33		1	
202-00190	Removal of Concrete Median Cover Material	SY					73		73	
202-00205	Removal of Wheel Stop	EACH					34		34	
202-00220	Removal of Asphalt Mat	SY	136				74		210	
203-00060	Embankment Material (Complete in Place)	CY	7						7	
203-01597	Potholing	HOURL	8						8	
207-00205	Topsoil	CY					9		9	
208-00201	Erosion Control	LS	0.34		0.33		0.33		1	
304-06007	Aggregate Base Course (Class 6)	CY	110						110	
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	SY	220						220	
403-	Speed Cushion	EACH	6		5				11	
609-20010	Curb Type 2 (Section B)	LF					96		96	
609-21010	Curb and Gutter Type 2 (Section I-B)	LF	106				110		216	
610-00026	Median Cover Material (6 Inch Patterned Concrete)	SF	113						113	
626-00000	Mobilization	LS	0.34		0.33		0.33		1	
630-00016	Traffic Control (Special)	LS	0.34		0.33		0.33		1	

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FILE NAME:							Revised:		Designer: JMB		Structure Numbers		
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GENERAL NOTES:

1. LIMIT CONSTRUCTION ACTIVITIES TO THOSE AREAS WITHIN THE LIMITS OF DISTURBANCE AND/OR TOES OF SLOPES SHOWN ON PLANS. RESTORE ANY DISTURBANCE BEYOND CUT/FILL LIMITS TO ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE PROJECT.
2. SEE THE PROJECT SPECIAL PROVISIONS FOR APPLICABLE SPECIFICATIONS AND CONSTRUCTION DOCUMENTS, AS WELL AS ORDER OF PRECEDENCE.
3. THE CONTRACTOR SHALL PROTECT ANY NGS (NATIONAL GEODETIC SURVEY) BENCHMARKS LOCATED WITHIN PROJECT LIMITS. THE CONTRACTOR SHALL REPAIR OR REPLACE AT THE CONTRACTOR'S EXPENSE ANY NGS BENCHMARK DAMAGED BY THE CONTRACTOR.
4. THE CONTRACTOR SHALL NOT PARK ANY VEHICLES OR EQUIPMENT IN, OR DISTURB ANY AREAS NOT APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL ENSURE THAT NO MATERIALS, EQUIPMENT OR VEHICLES ARE STAGED OR PARKED NEAR WETLAND OR DRAINAGE AREAS. THE CONTRACTOR SHALL REMOVE IN A TIMELY MANNER ALL SEDIMENT, MUD, DEBRIS, OR OTHER POTENTIAL POLLUTANTS WHICH MAY BE DISCHARGED TO, OR ACCUMULATE IN THE FLOW LINES AND PUBLIC RIGHT-OF-WAYS AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS PROJECT.
5. THE CONTRACTOR SHALL PROTECT ALL AREAS FROM WASHOUTS AND SOIL EROSION BY USING APPROPRIATE BMPS.
6. ALL EROSION/SEDIMENT CONTROL AND STORMWATER RESPONSIBILITIES STATED IN THE STORMWATER MANAGEMENT PLAN AND SUBSECTIONS 101, 107, AND 208 SHALL BE FOLLOWED.
7. ALL EROSION/SEDIMENT CONTROL BMPS SHALL BE PLACED AS NEEDED ACCORDING TO THE CONSTRUCTION PHASING AND AS APPROVED BY THE ENGINEER.
8. THE CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTATION DESIGNATED TO REMAIN FROM DAMAGE DURING CONSTRUCTION OPERATIONS. ANY MONUMENTS DISTURBED BY THE CONTRACTOR THAT ARE NOT DESIGNATED FOR RELOCATION, SHALL BE RESET AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR AND ENGINEER SHALL NOTE THOSE MONUMENTS IN THE FIELD PRIOR TO CONSTRUCTION.
9. THE CONTRACTOR SHALL NOTIFY THE CITY OF BOULDER INSPECTOR AT LEAST 24 HOURS PRIOR TO A DESIRED INSPECTION.
10. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL HEALTH AND SAFETY RULES AND REGULATIONS.
11. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER-OF-RECORD OF ANY PROBLEM IN CONFORMING TO THE APPROVED LINE AND GRADE FOR ANY ELEMENTS OF THE PROPOSED IMPROVEMENTS PRIOR TO ITS CONSTRUCTION.
12. UNLESS NOTED OTHERWISE, ALL EXISTING FACILITIES ARE TO REMAIN UNDISTURBED AND USED IN PLACE. THE CONTRACTOR SHALL PROVIDE NECESSARY PROTECTIONS TO PREVENT DAMAGE. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE, AT HIS/HER EXPENSE, ALL EXISTING FACILITIES DAMAGED BY THE CONSTRUCTION ACTIVITIES. EXISTING FACILITIES NOTED FOR REMOVAL SHALL BE REMOVED OFF-SITE AT THE CONTRACTOR'S EXPENSE.
13. IF REQUIRED BY THE INSPECTOR, A WATER TRUCK SHALL BE PROVIDED BY THE CONTRACTOR TO CONTROL DUST EMISSIONS.
14. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS AT AND ADJACENT TO THE PROJECT SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING THE PERFORMANCE OF THE WORK. SAFETY FENCING OR OTHER APPROVED PRECAUTIONARY MEASURES SHALL BE PLACED ENTIRELY AROUND ANY OPEN EXCAVATION. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS.
15. THE CONTRACTOR SHALL MAINTAIN INGRESS AND EGRESS TO ALL ACCESSES ABUTTING THE PROJECT DURING ALL PHASES OF THE CONSTRUCTION.
16. MULTIPLE MOBILIZATIONS MAY BE REQUIRED FOR THE VARIOUS TYPES OF WORK. MOBILIZATIONS SHALL BE INCLUDED IN THE PAY ITEM MOBILIZATION AND PAID FOR AS ONE (1) LUMP SUM.
17. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CURRENT COLORADO DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND AS SUBSEQUENTLY REVISED. THE STANDARD PLANS, AND THE CITY OF BOULDER DESIGN AND CONSTRUCTION STANDARDS, CURRENT EDITION, INSOFAR AS THE SAME MAY APPLY AND IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS INCLUDED HEREIN.
18. ALL MATERIAL AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE CITY OF BOULDER, AND THE CITY RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO THEIR STANDARDS AND SPECIFICATIONS.
19. CONTRACTOR SHALL NOTIFY THE CITY OF BOULDER 48 HOURS PRIOR TO THE START OF CONSTRUCTION. A PRECONSTRUCTION MEETING SHALL BE HELD PRIOR TO THE START OF CONSTRUCTION.
20. THE CONTRACTOR IS REQUIRED TO KEEP EXISTING DRAINAGE STRUCTURES FUNCTIONAL AND MAINTAIN DRAINAGE TO THOSE STRUCTURES AT ALL TIMES DURING CONSTRUCTION.
21. THIS PROJECT SHALL STRICTLY ADHERE TO BUY AMERICA REQUIREMENTS, SEE CDOT SPEC 106.11
22. THIS PROEJCT SHALL BE CONSIDERED TO BE NON-SIGNIFICANT, REFER TO APPLICABLE CDOT SPECIFICATIONS.
23. DIMENSIONS ARE FROM FLOW LINE TO CENTER OF STRIPE UNLESS OTHERWISE NOTED.
24. CITY OF BOULDER SHALL FURNISH AND INSTALL ALL SIGNS/PAVEMENT MARKINGS. CONTRACTOR TO COORDINATE WITH CITY OF BOULDER SIGN SHOP (303-413-7122).
25. THE CONTRACTOR MAY MODIFY THE SAWCUT LINE WHEN REMOVING ASPHALT ON 26TH ST. TO FOLLOW THE WIDENING TAPER IF THE EXISTING PAVEMENT IS IN GOOD CONDITION AND WITH THE APPROVAL OF THE ENGINEER.

HOT MIX ASPHALT:

1. SWEEP DIRT AND GRAVEL FROM THE EXISTING PAVED SURFACE PRIOR TO PLACING HOT MIX ASPHALT. THIS WORK WILL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED SUBSIDIARY TO THE HOT MIX ASPHALT PAY ITEM(S).
2. THE FOLLOWING SHALL BE FURNISHED WITH EACH BITUMINOUS PAVER:

- A SKI TYPE DEVICE AT LEAST 30 FEET IN LENGTH

- SHORT SKI OR SHOE.

- CONTROL LINE AND STAKES.
3. COMPLETE ANY LAYER OF HOT MIX ASPHALT PAVEMENT THAT IS TO HAVE A SUCCEEDING LAYER PLACED THEREON FULL WIDTH BEFORE SUCCEEDING LAYER IS PLACED.
4. THE FOLLOWING APPLICATION RATES OF PAVEMENT MATERIALS SHALL BE USED FOR QUANTITIES:

- HOT MIX ASPHALT: 147 LBS./CU. FT.

- PRIME COAT EMULSIFIED ASPHALT: 0.10 GAL/SQ. YD

- TACK COAT EMULSIFIED ASPHALT (SLOW SETTING): 0.10 GAL/SQ.YD

- AGGREGATE BASE COURSE: 133 LBS/CU. FT
5. A TACK COAT OF EMULSIFIED ASPHALT (SLOW SETTING) IS TO BE APPLIED TO IMPROVE BOND AT THE FOLLOWING LOCATIONS:

- BEFORE PLACING NEW PAVEMENT OVER EXISTING PAVEMENT

- ALONG THE FACE OF ALL CURBS, GUTTERS, MANHOLES, ADJACENT EXISTING PAVEMENT, AND OTHER SURFACES AGAINST WHICH ASPHALT WILL BE PLACED

- BETWEEN PAVEMENT COURSES WHEN ORDERED BY THE ENGINEER
6. EMULSIFIED ASPHALT (SLOW SETTING) SHALL CONSIST OF 1 PART WATER AND 1 PART EMULSIFIED ASPHALT. EMULSIFIED ASPHALT (SLOW SETTING) WILL NOT BE MEASURED AND PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED SUBSIDIARY TO THE HOT MIX ASPHALT PAY ITEMS.
7. CONFORM WITH THE COLORADO DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 401 - PLANT MIX PAVEMENTS - GENERAL, FOR BITUMINOUS PAVERS REQUIREMENTS.
8. THERE WILL BE NO PAVEMENT SMOOTHNESS INCENTIVE FOR THE PROJECT.
9. WHERE NEW PAVEMENT ABUTS EXISTING PAVEMENT, CONSTRUCTION SHALL BE TO A CLEAN VERTICAL EDGE IN ACCORDANCE WITH TYPICAL SECTIONS AND DETAILS. ALL SAWCUTS SHALL BE FULL-DEPTH. SAWCUTS SHALL BE INCIDENTAL TO THE REMOVAL OF THE PAVEMENT.
10. EXISTING DISTRESSED AREAS OF ASPHALT SHALL BE REPAIRED PRIOR TO THE FINAL OVERLAY. THE LIMITS OF PATCHING WILL BE DESIGNATED AND MARKED IN THE FIELD BY THE ENGINEER. THE CONTRACTOR SHOULD NOTE THAT THE AREAS MARKED TO BE PATCHED MAY BE OF VARIOUS SIZES AND SHAPES. PAYMENT FOR THIS WORK WILL BE MADE UNDER ITEMS 202-00220 AND 403-00721.

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HOR. SCALE: AS NOTED VERT. SCALE: AS NOTED

FILE NAME:

apexdesign

1675 LARIMER ST, STE 400 PH: 303-339-0440
DENVER, COLORADO 80202 FAX: 303-325-7743

SHEET REVISIONS		
Date:	Comments	Init.



CITY OF BOULDER
1101 ARAPAHOE AVE, 2ND FLOOR
BOULDER, CO 80302

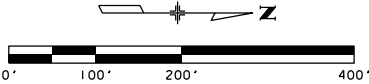
As Constructed	GENERAL NOTES				Project No./Code
No Revisions:					
Revised:	Designer: JMB	Structure Numbers		Sheet Number 5	
	Detailer: JMC				
Void:	Subset: GEN NOTES	Subset Sheets: 1 of 1			

NOTE:
ADDITIONAL SIGNING
SHOWN ON SIGNING AND
STRIPING PLAN
(SHEETS 8 AND 9)



NOTE:
DIMENSIONS ARE FROM FLOWLINE TO
CENTER OF SPEED CUSHION

PROJECT LOCATION KALMIA AVE. TO NORWOOD AVE.
SCALE = 1"=200'

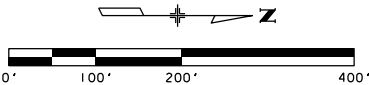


PROPOSED SPEED CUSHION
(SEE 26TH ST. ROADWAY
DETAILS) (TYP.)
SIGN POSTS WITH W17-1
SIGN AND W16-4 PLAQUE
TO BE PLACED 80' FROM
FIRST SPEED CUSHION ON
CORRIDOR FROM EACH
DIRECTION



NOTE:
DIMENSIONS ARE FROM FLOWLINE TO
CENTER OF SPEED CUSHION

PROJECT LOCATION NORWOOD AVE. TO JAY RD.
SCALE = 1"=200'



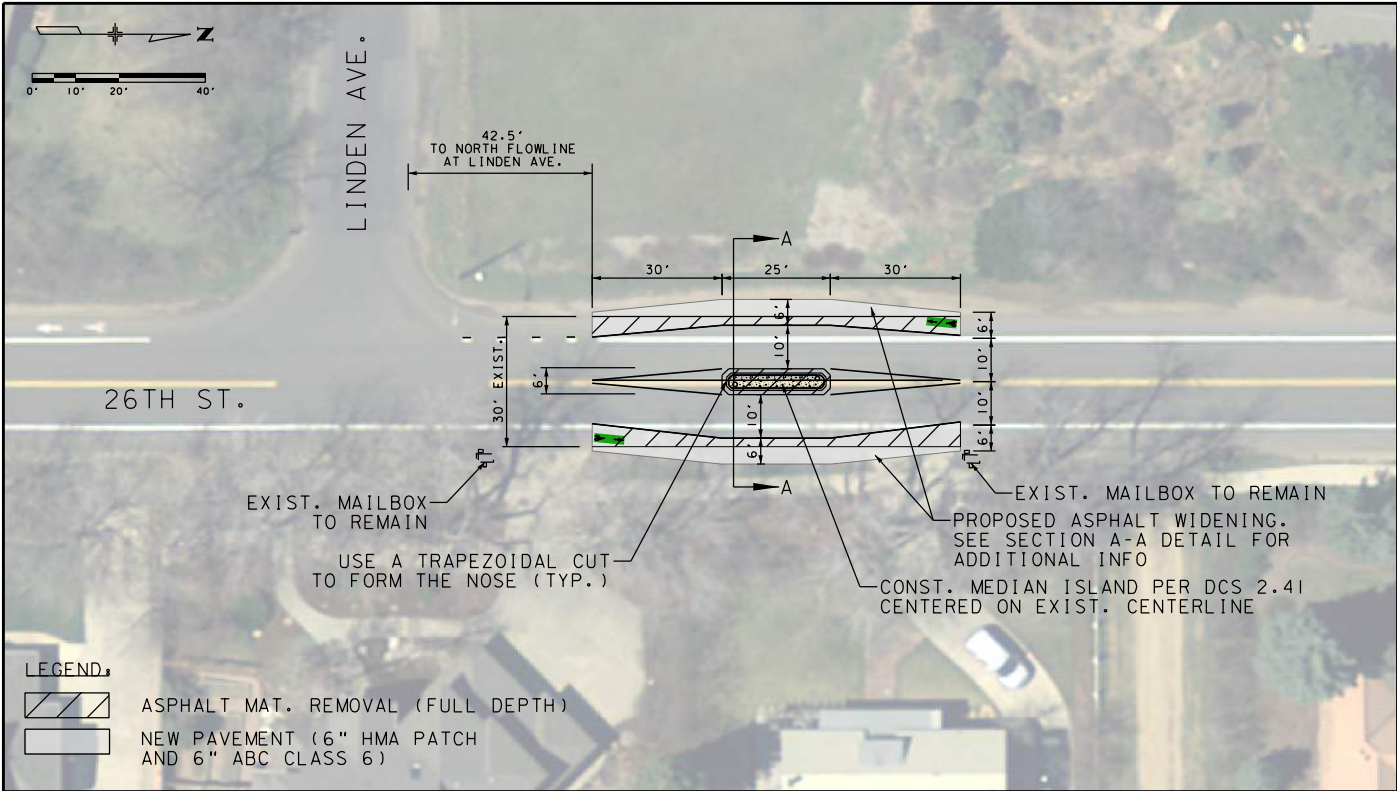
PRINT DATE: 6/9/2021
HOR. SCALE: AS NOTED VERT. SCALE: AS NOTED
FILE NAME:
apexdesign 1675 LARIMER ST, STE 400 PH: 303-339-0440 DENVER, COLORADO 80202 FAX: 303-325-7743

SHEET REVISIONS		
Date:	Comments	Init.



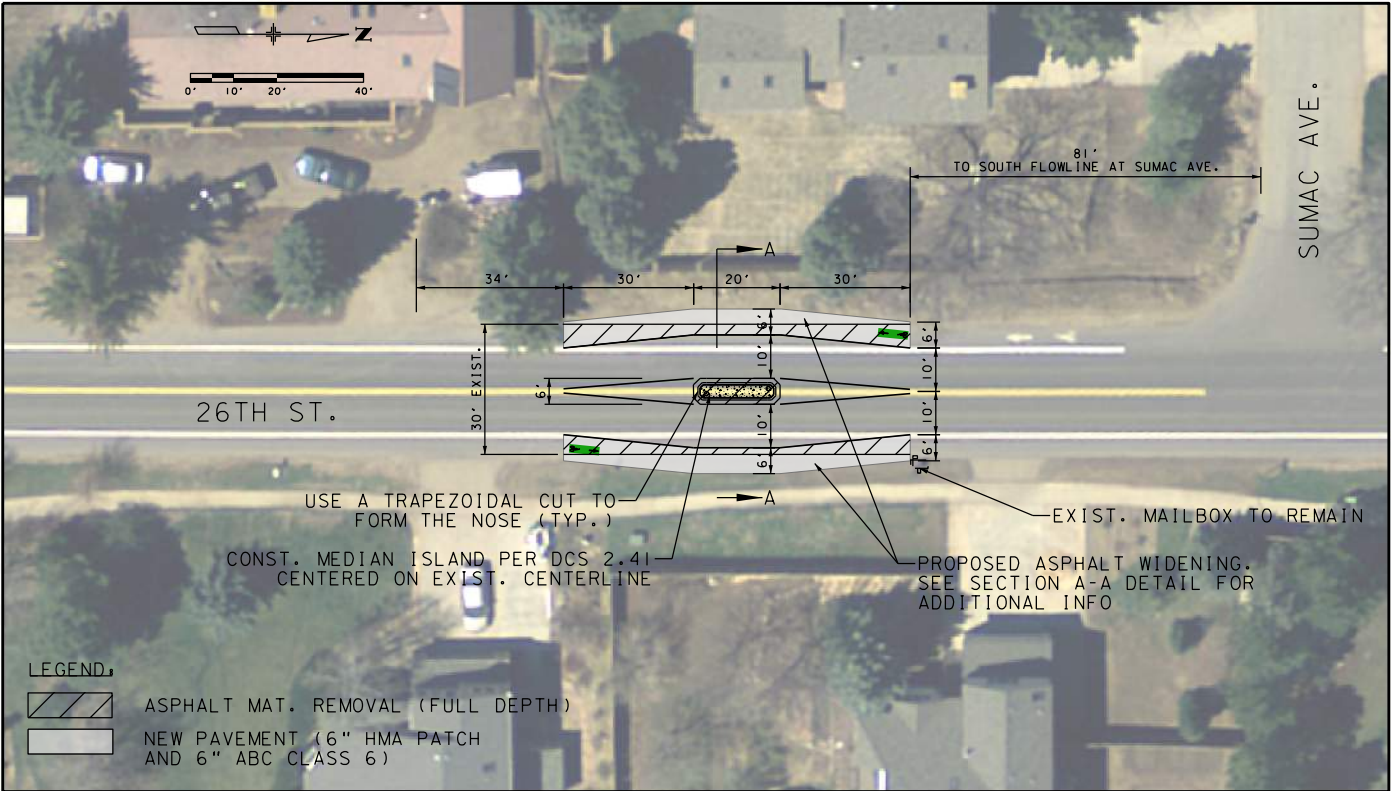
CITY OF BOULDER
1101 ARAPAHOE AVE, 2ND FLOOR
BOULDER, CO 80302

As Constructed		26TH ST. ROADWAY PLAN		Project No./Code
No Revisions:		Designer: JMB	Structure Numbers	
Revised:		Detailer: JMC		
Void:		Subset: 26TH ST.	Subset Sheets: 1 of 5	Sheet Number 6



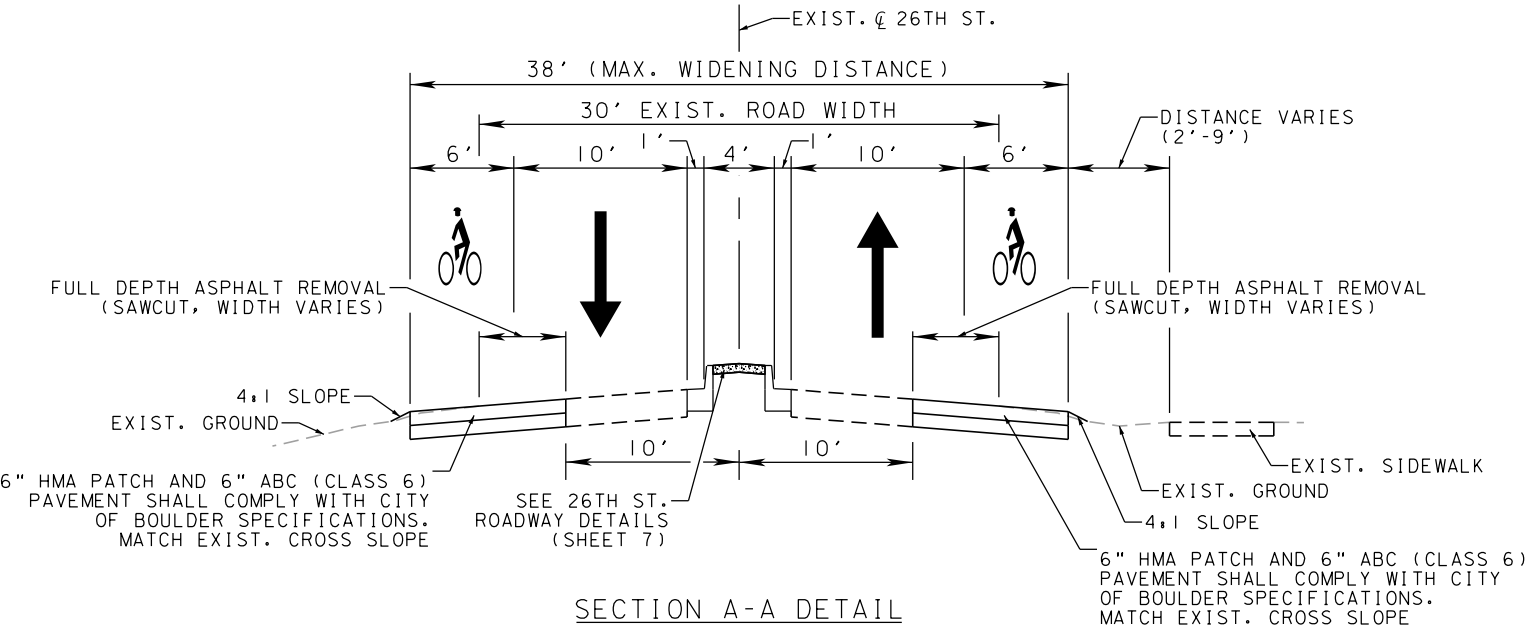
LINDEN WIDENING PLAN VIEW

SCALE: 1"=20'



SUMAC WIDENING PLAN VIEW

SCALE: 1"=20'



SECTION A-A DETAIL

SCALE: NTS

PRINT DATE: 6/9/2021

HOR. SCALE: AS NOTED VERT. SCALE: AS NOTED


FILE NAME:

apexdesign

1675 LARIMER ST, STE 400
DENVER, COLORADO 80202

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FAX: 303-325-7743

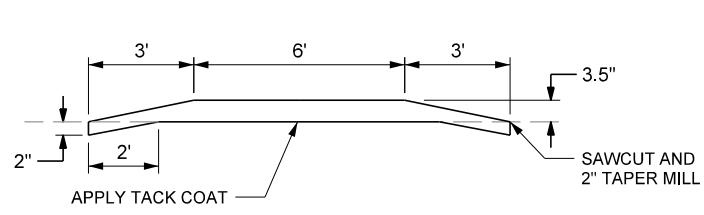
SHEET REVISIONS		
Date:	Comments	Init.



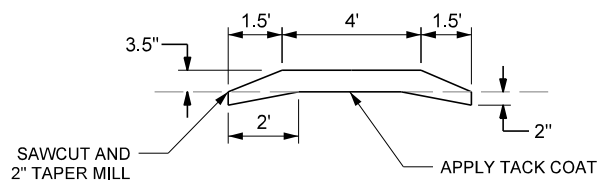
CITY OF BOULDER

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BOULDER, CO 80302

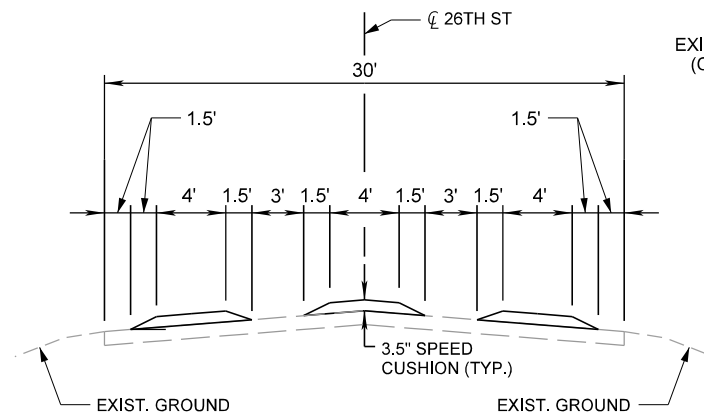
As Constructed		26TH ST. ROADWAY DETAILS			Project No./Code
No Revisions:					
Revised:		Designer: JMB	Structure Numbers		
		Detailer: JMC			
Void:		Subset: 26TH ST.	Subset Sheets: 2 of 5		Sheet Number 7



SECTION A-A



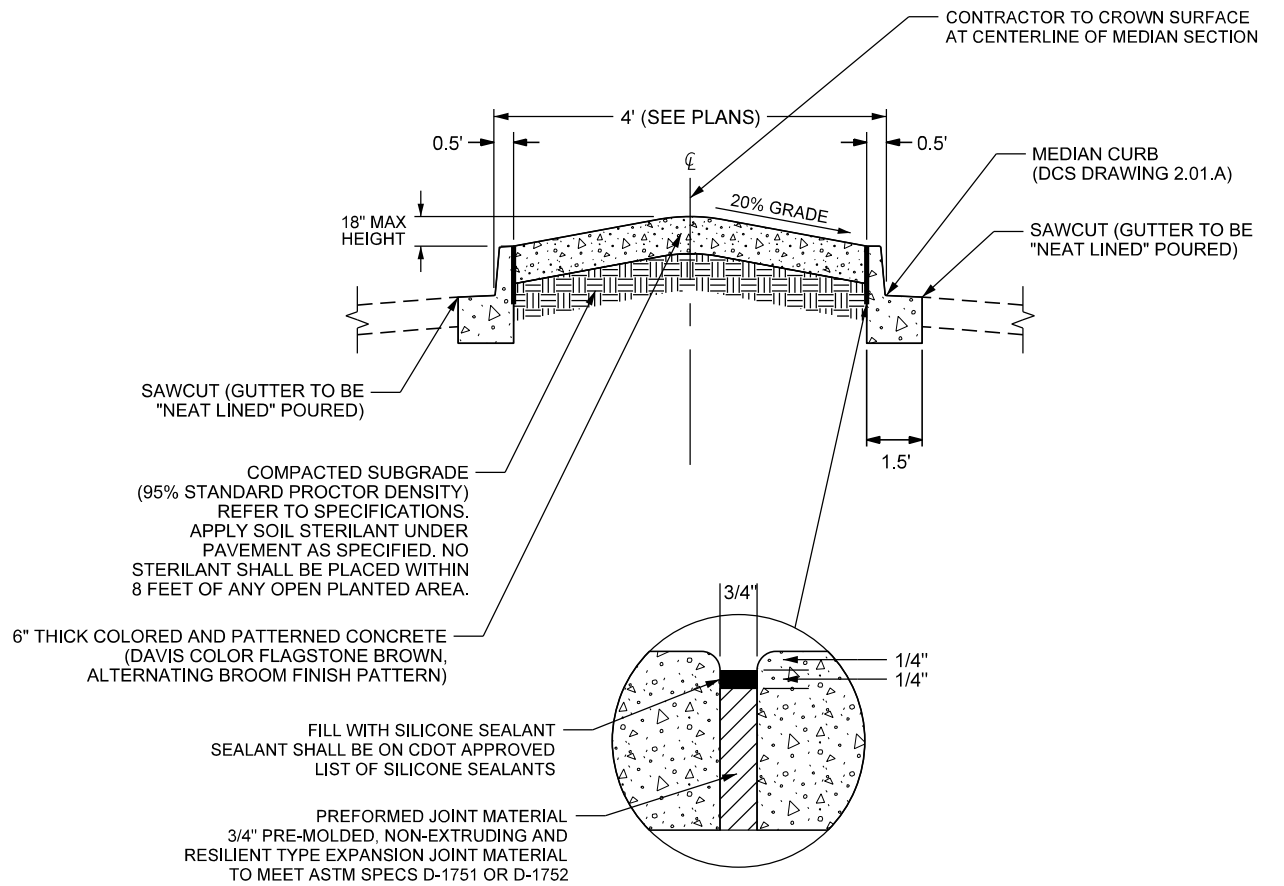
SECTION B-B



SPEED CUSHION DETAIL - 26TH ST.

SCALE: NTS

- NOTES:
- FOR SIGNING SEE ROADWAY PLAN (SHEET 5) AND SIGNING AND STRIPING PLAN (SHEETS 8 AND 9)
 - FOR CHEVRON STRIPING DETAILS, SEE PAVEMENT MARKING DETAILS SHEET (SHEET 15)

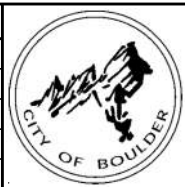


CONCRETE MEDIAN DETAIL (DCS DRAWING 2.41)

SCALE: NTS

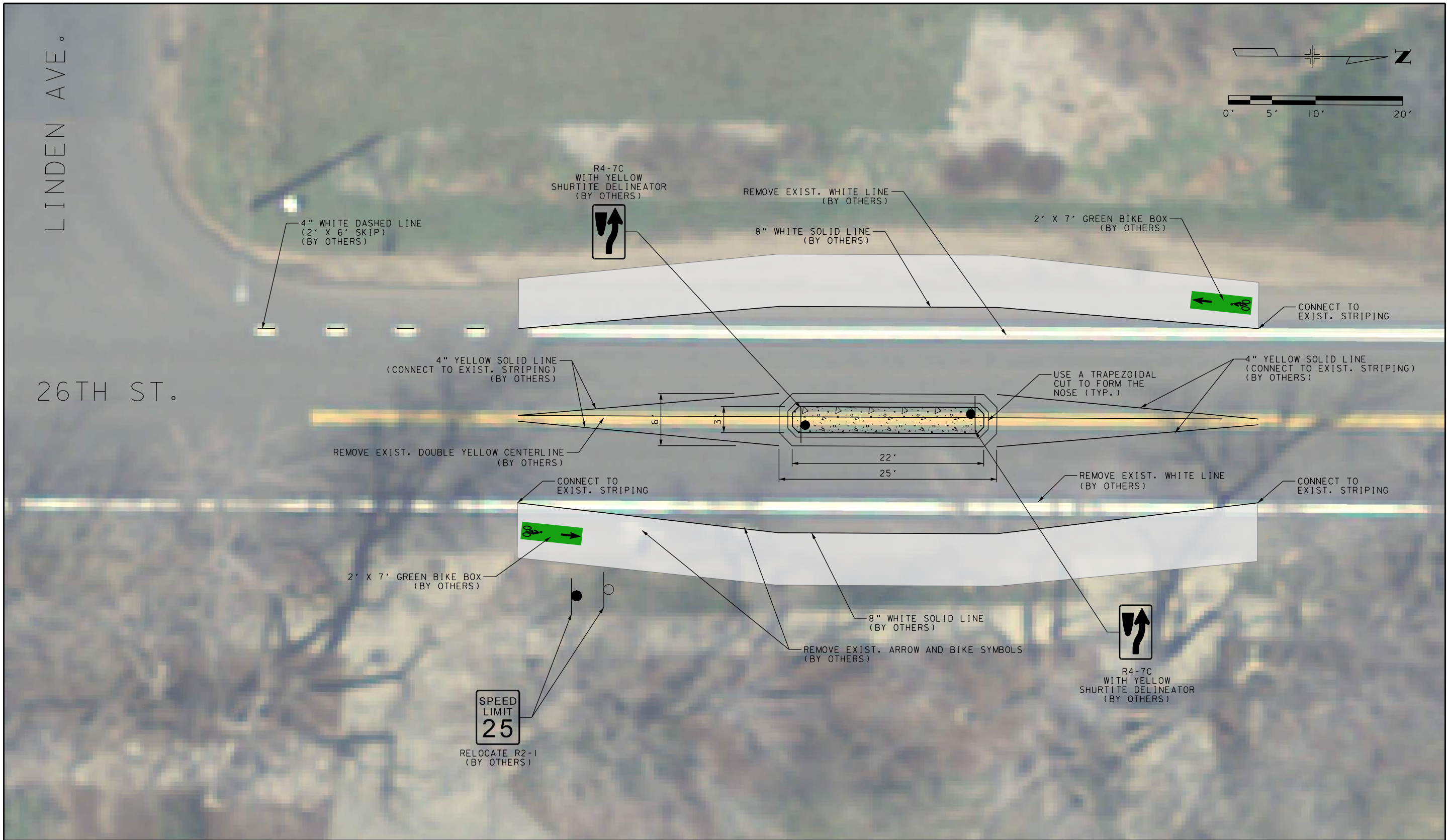
PRINT DATE: 6/9/2021
HOR. SCALE: AS NOTED VERT. SCALE: AS NOTED
FILE NAME:
apexdesign 1675 LARIMER ST, STE 400 PH: 303-339-0440 DENVER, COLORADO 80202 FAX: 303-325-7743

SHEET REVISIONS		
Date:	Comments	Init.



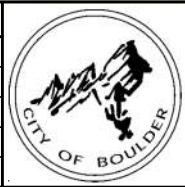
CITY OF BOULDER
1101 ARAPAHOE AVE, 2ND FLOOR
BOULDER, CO 80302

As Constructed		26TH ST. ROADWAY DETAILS		Project No./Code
No Revisions:		Designer: JMB	Structure Numbers	
Revised:		Detailer: JMC		
Void:		Subset: 26TH ST.	Subset Sheets: 3 of 5	Sheet Number 8



PRINT DATE: 6/9/2021
HOR. SCALE: AS NOTED VERT. SCALE: AS NOTED
FILE NAME:
apexdesign 1675 LARIMER ST, STE 400 PH: 303-339-0440
DENVER, COLORADO 80202 FAX: 303-325-7743

SHEET REVISIONS		
Date:	Comments	Init.

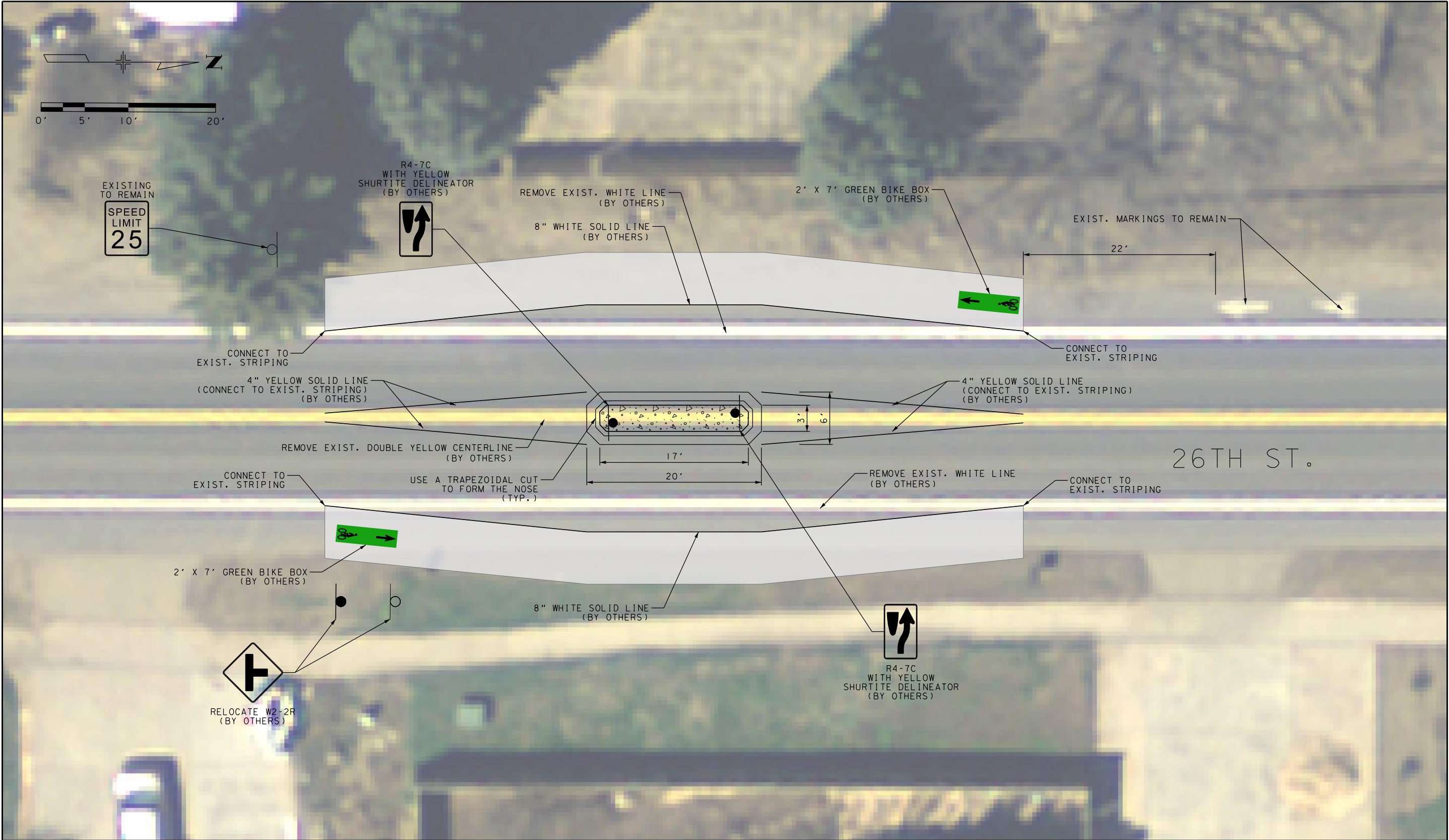



CITY OF BOULDER
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BOULDER, CO 80302

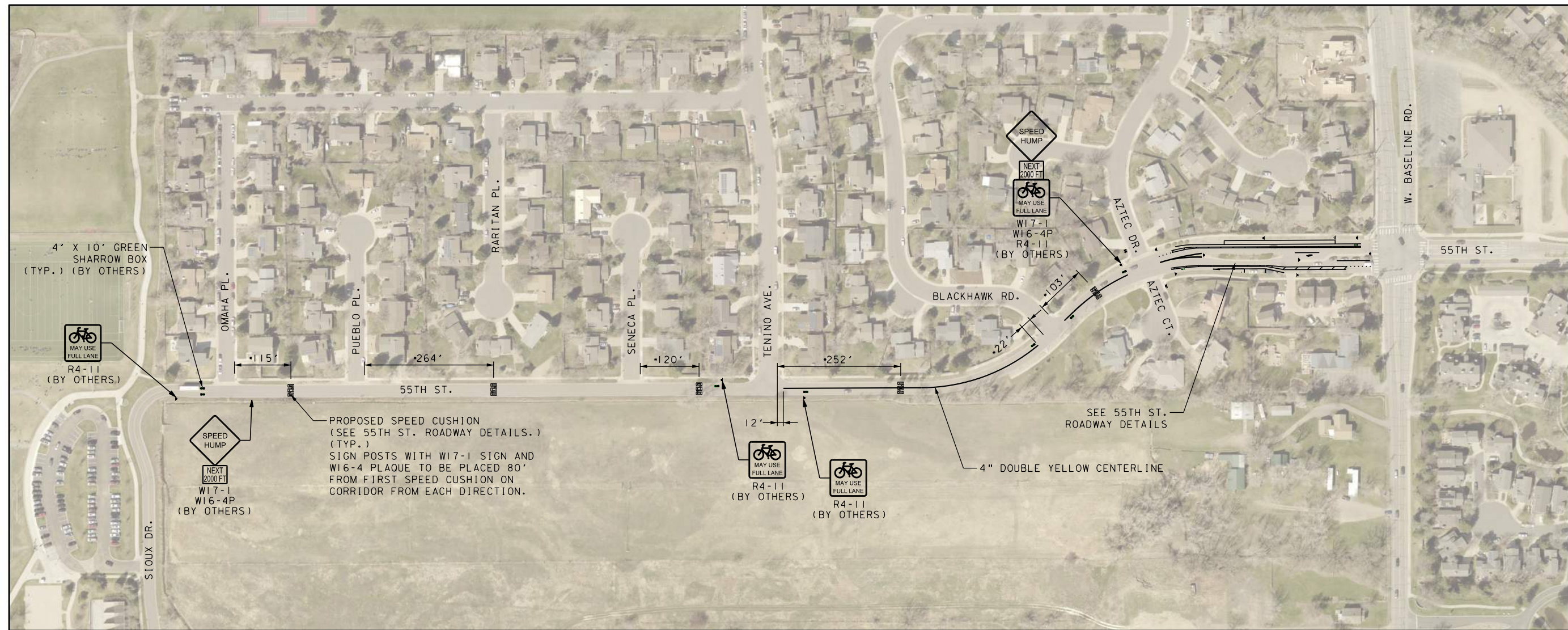
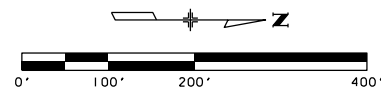
As Constructed
No Revisions:
Revised:
Void:

26TH ST. SIGNING AND STRIPING PLAN		
Designer:	JMB	Structure Numbers
Detailer:	JMC	
Subset:	26TH ST.	Subset Sheets: 4 of 5

Project No./Code
Sheet Number 9



PRINT DATE: 6/9/2021		<div><div></div><div></div><div></div><div></div><div></div></div>	SHEET REVISIONS			<div><div></div><div>CITY OF BOULDER</div><div>1101 ARAPAHOE AVE, 2ND FLOOR</div><div>BOULDER, CO 80302</div></div>	As Constructed		26TH ST.			Project No./Code	
HOR. SCALE: AS NOTED VERT. SCALE: AS NOTED			Date:	Comments	Init.		No Revisions:		SIGNING AND STRIPING PLAN				
FILE NAME:							Revised:		Designer:	JMB	Structure		
apexdesign 1675 LARIMER ST, STE 400 PH: 303-339-0440 DENVER, COLORADO 80202 FAX: 303-325-7743							Void:		Detailer:	JMC	Numbers		
									Subset:	26TH ST.	Subset Sheets:	5 of 5	Sheet Number 10



NOTES:
• • DIMENSIONS ARE FROM FLOWLINE TO CENTER OF SPEED CUSHION
ADDITIONAL SIGNING SHOWN ON SIGNING AND STRIPING PLAN (SHEET 13)

PROJECT LOCATION SIOUX DR. TO W. BASELINE RD.
SCALE = 1"=200'

PRINT DATE: 6/9/2021


HOR. SCALE: AS NOTED VERT. SCALE: AS NOTED

FILE NAME:

apexdesign

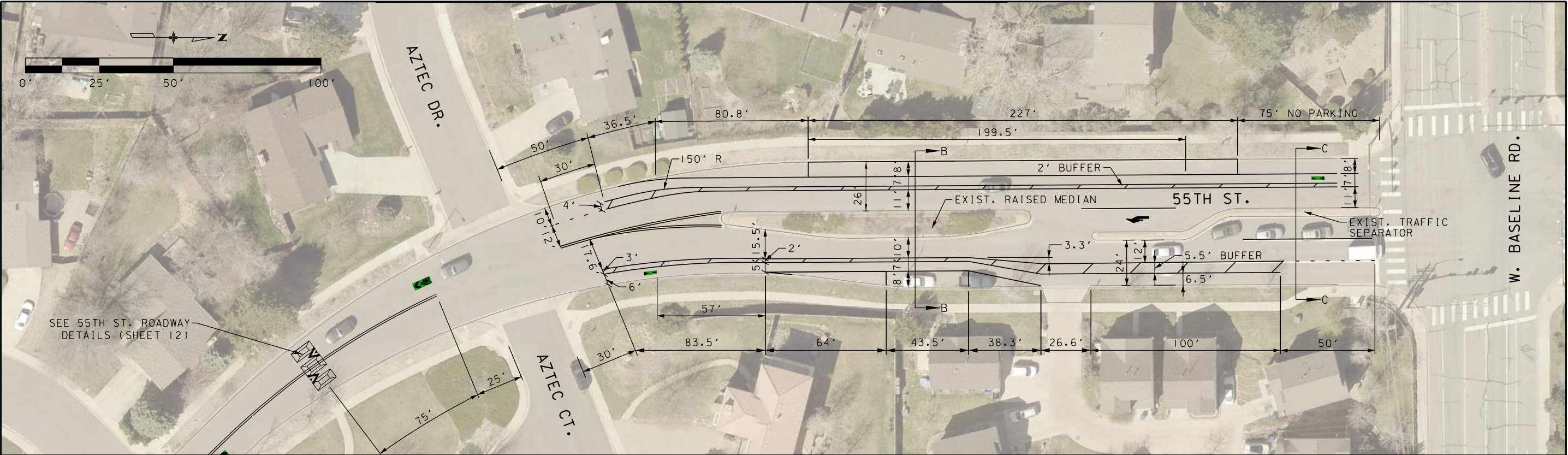
1675 LARIMER ST, STE 400 PH: 303-339-0440
DENVER, COLORADO 80202 FAX: 303-325-7743

SHEET REVISIONS		
Date:	Comments	Init.



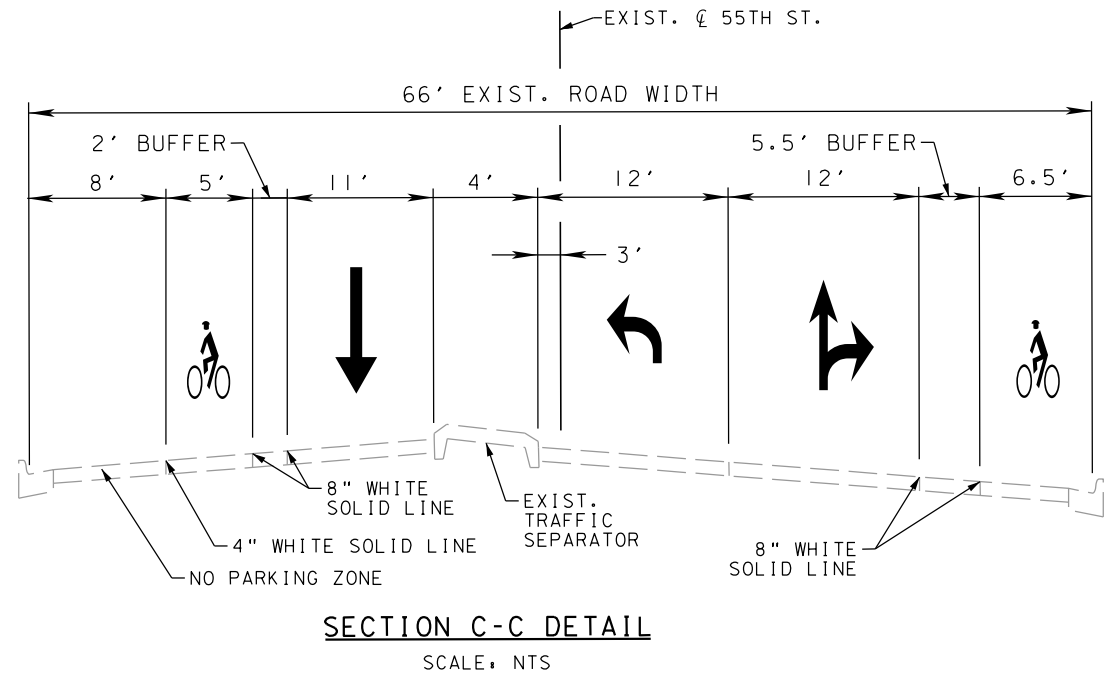
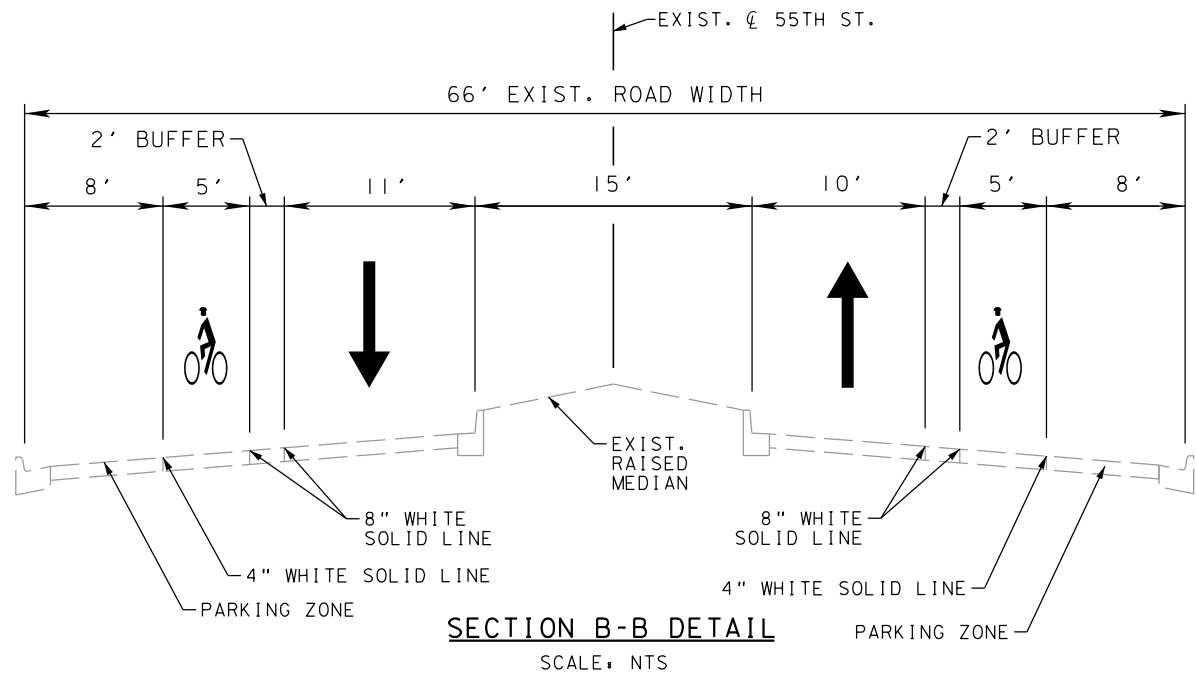
CITY OF BOULDER
1101 ARAPAHOE AVE, 2ND FLOOR
BOULDER, CO 80302

As Constructed		55TH ST. ROADWAY PLAN		Project No./Code
No Revisions:		Designer: JMB	Structure Numbers	
Revised:		Detailer: JMC		
Void:		Subset: 55TH ST.	Subset Sheets: 1 of 4	Sheet Number 11



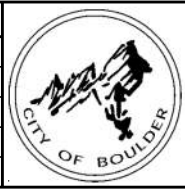
NOTE: ALL PAVEMENT MARKINGS SHOWN ARE TO BE INSTALLED BY THE CITY OF BOULDER

55TH ST. DETAIL
SCALE: 1"=50'



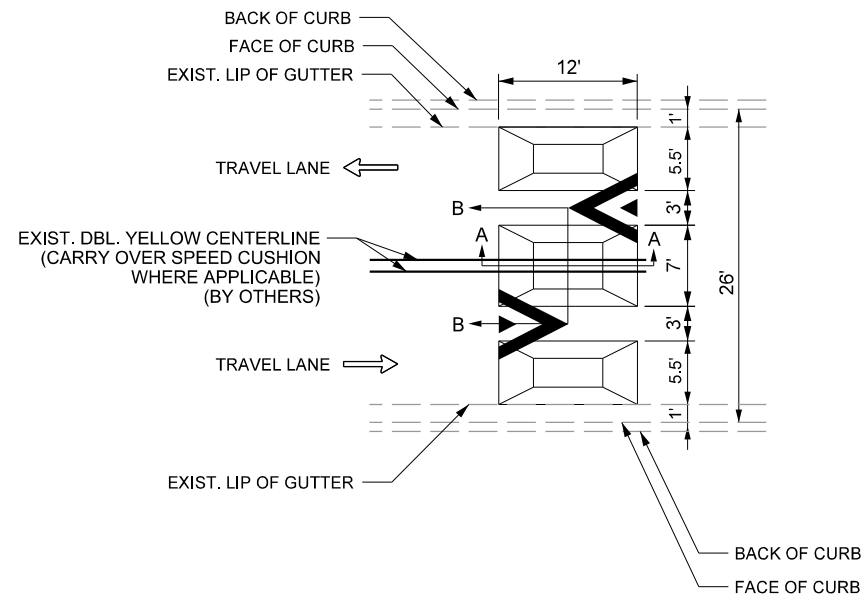
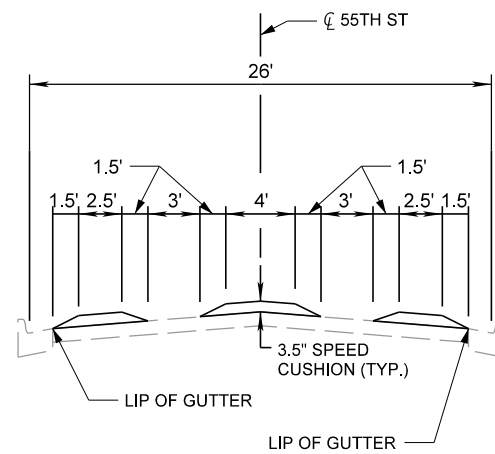
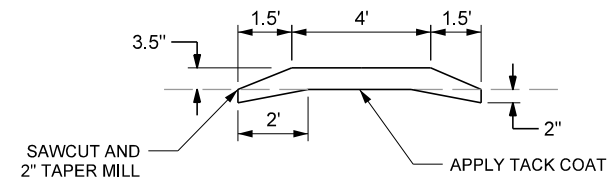
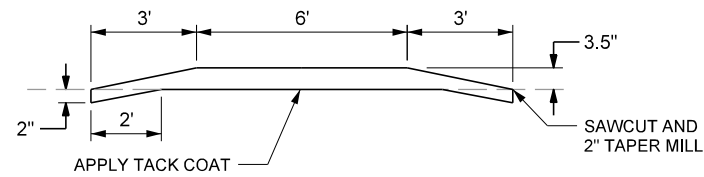
PRINT DATE: 6/9/2021
HOR. SCALE: AS NOTED VERT. SCALE: AS NOTED
FILE NAME:
apexdesign 1675 LARIMER ST, STE 400 PH: 303-339-0440
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SHEET REVISIONS		
Date:	Comments	Init.



CITY OF BOULDER
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As Constructed		55TH ST. ROADWAY DETAILS		Project No./Code
No Revisions:		Designer: JMB	Structure Numbers	
Revised:		Detailer: JMC		
Void:		Subset: 55TH ST.	Subset Sheets: 2 of 4	Sheet Number 12



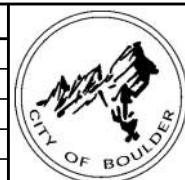
SPEED CUSHION DETAIL - 55TH ST.

SCALE: NTS

- NOTES:
- FOR SIGNING SEE ROADWAY PLAN (SHEET 5) AND SIGNING AND STRIPING PLAN (SHEETS 8 AND 9)
 - FOR CHEVRON STRIPING DETAILS, SEE PAVEMENT MARKING DETAILS SHEET (SHEET 15)

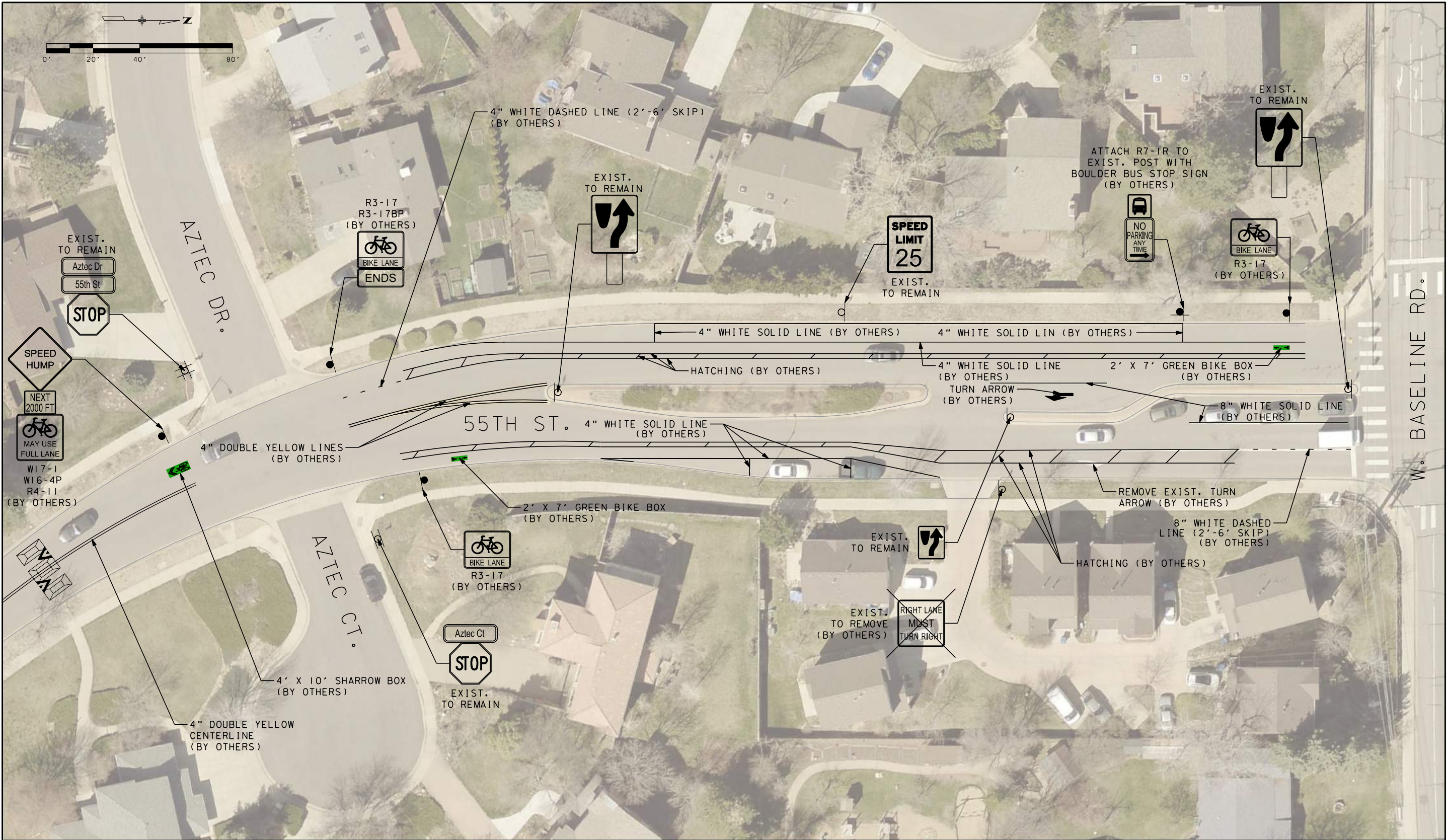
PRINT DATE: 6/9/2021
 HOR. SCALE: AS NOTED VERT. SCALE: AS NOTED
 FILE NAME:
 apexdesign 1675 LARIMER ST, STE 400 PH: 303-339-0440
 DENVER, COLORADO 80202 FAX: 303-325-7743

SHEET REVISIONS		
Date:	Comments	Init.

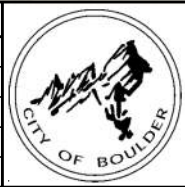


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 BOULDER, CO 80302

As Constructed		55TH ST. ROADWAY DETAILS		Project No./Code
No Revisions:		Designer: JMB	Structure Numbers	
Revised:		Detailer: JMC		
Void:		Subset: 55TH ST.	Subset Sheets: 3 of 4	Sheet Number 13

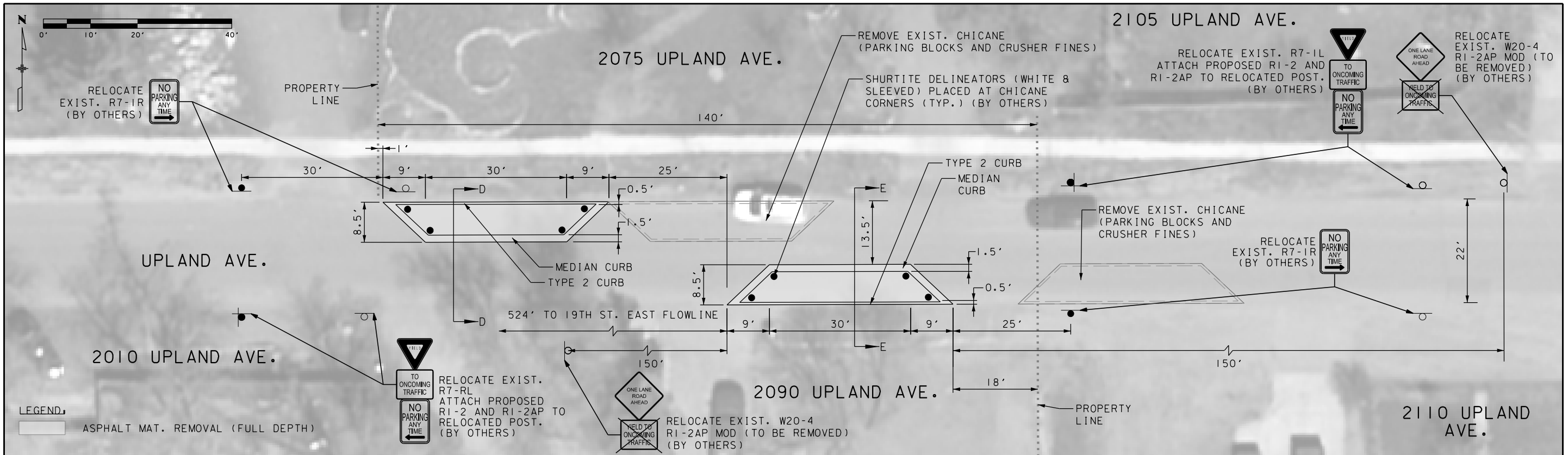


SHEET REVISIONS		
Date:	Comments	Init.

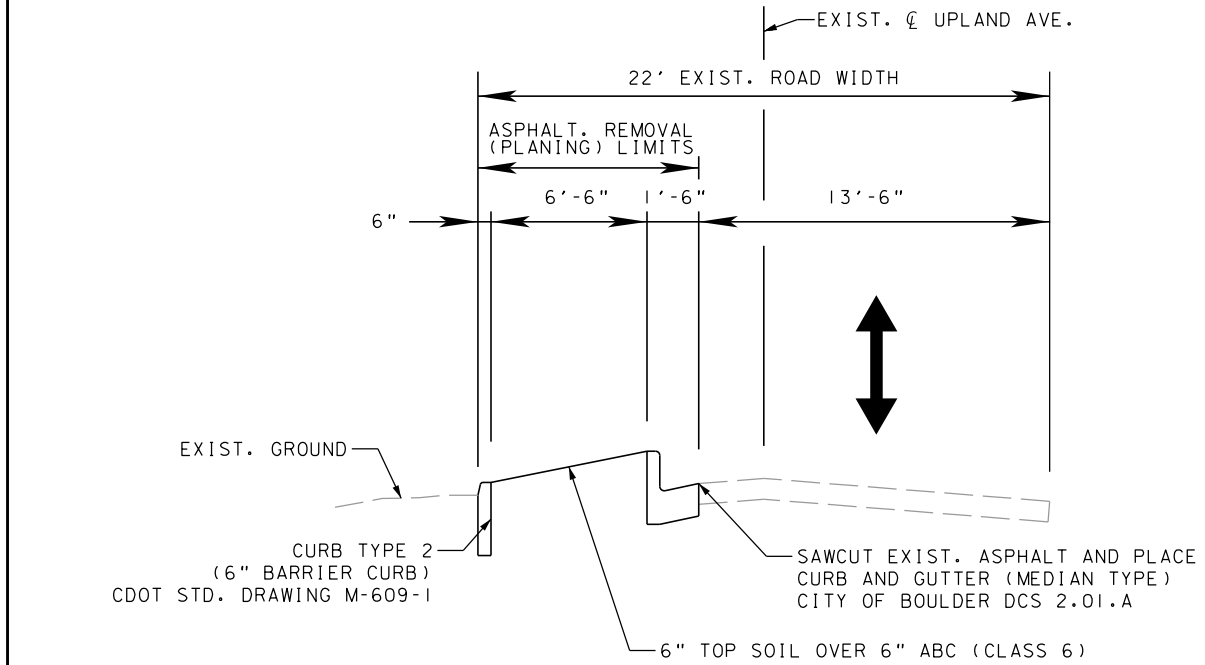


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BOULDER, CO 80302

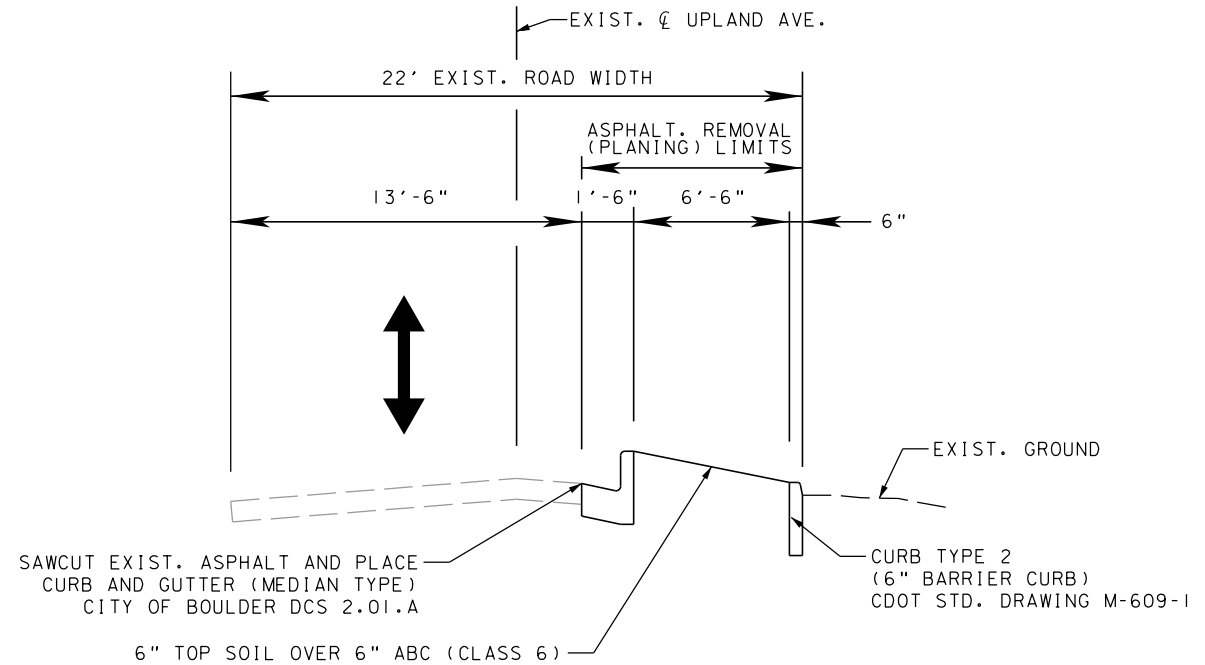
As Constructed		55TH ST. SIGNING AND STRIPING PLAN		Project No./Code
No Revisions:		Designer: JMB	Structure Numbers	
Revised:		Detailer: JMC		
Void:		Subset: 55TH ST.	Subset Sheets: 4 of 4	Sheet Number 14



UPLAND AVE. DETAIL
SCALE: 1"=20'



SECTION D-D DETAIL
SCALE: NTS



SECTION E-E DETAIL
SCALE: NTS

PRINT DATE: 6/9/2021

HOR. SCALE: AS NOTED VERT. SCALE: AS NOTED

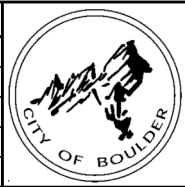
FILE NAME:

apexdesign

1675 LARIMER ST, STE 400
DENVER, COLORADO 80202

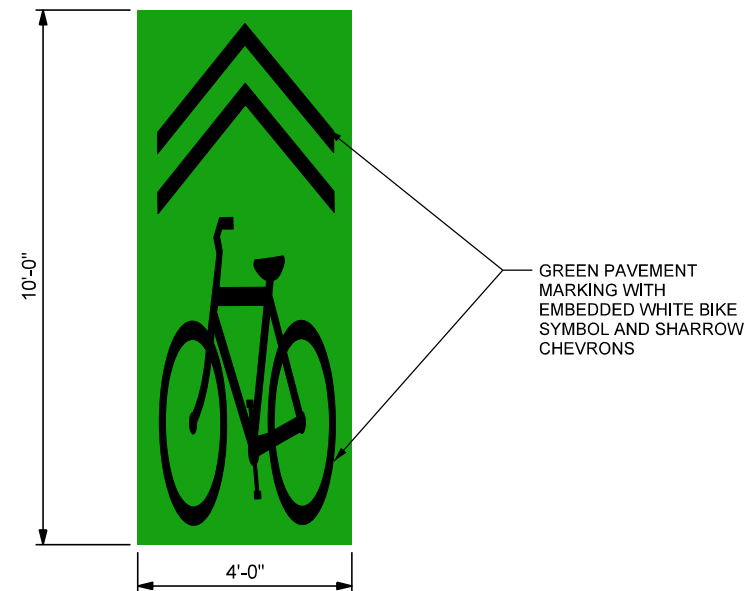
PH: 303-339-0440
FAX: 303-325-7743

SHEET REVISIONS		
Date:	Comments	Init.

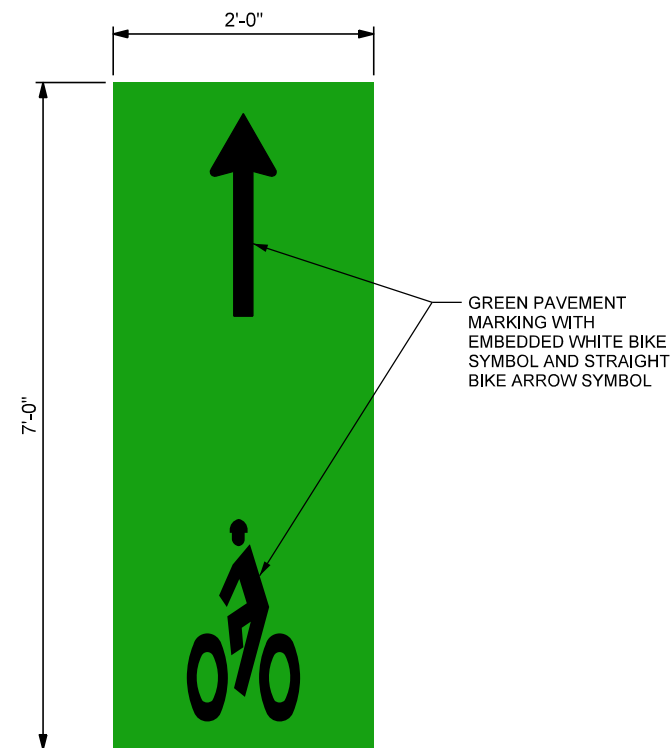


CITY OF BOULDER
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BOULDER, CO 80302

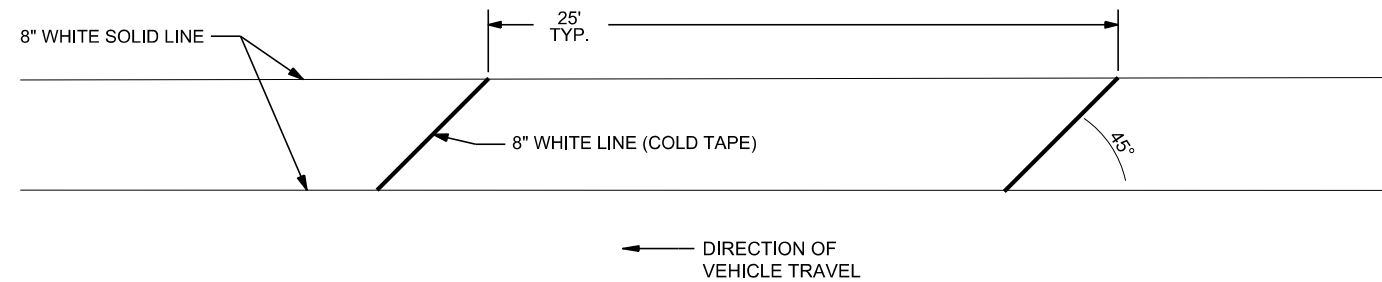
As Constructed		UPLAND AVE. ROADWAY PLAN		Project No./Code
No Revisions:		Designer: JMB	Structure Numbers	
Revised:		Detailer: JMC		
Void:		Subset: UPLAND	Subset Sheets: of	Sheet Number 15



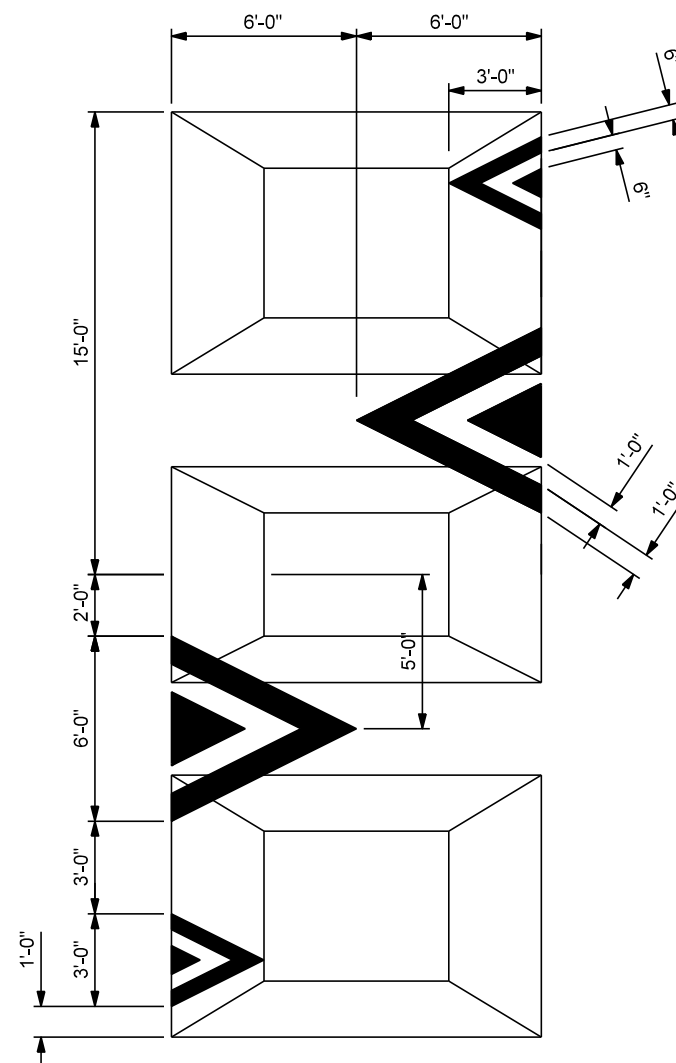
SHARROW BOX DETAIL



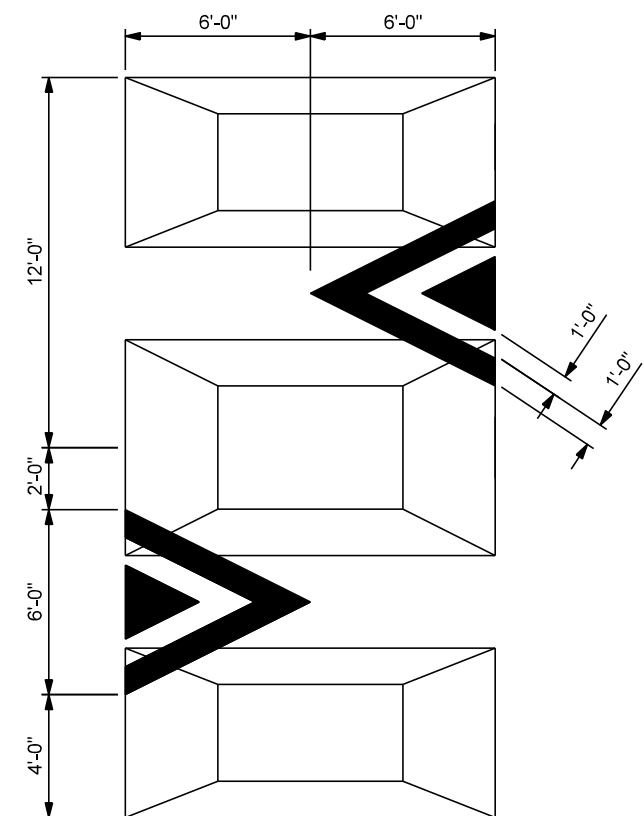
BIKE BOX DETAIL



HATCHING DETAIL

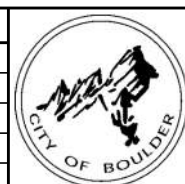


26TH ST. CHEVRON STRIPING DETAIL



55TH ST. CHEVRON STRIPING DETAIL

SHEET REVISIONS		
Date:	Comments	Init.



CITY OF BOULDER
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 BOULDER, CO 80302

As Constructed	PAVEMENT MARKING DETAILS			Project No./Code
No Revisions:	Designer: JMB	Structure Numbers		
Revised:	Detailer: JMC			
Void:	Subset: DETAILS	Subset Sheets: 1 of 1		Sheet Number 16